

20031128.qrp v03_n118.qrl.20031128

Date: Fri, 28 Nov 2003 19:03:06 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3118

QRP-L Digest 3118

Topics covered in this issue include:

- 1) [161961] Re: New Kit Announcement - Brass Paddle Kit
by John Kalotai <n1olo@yahoo.com>
- 2) [161962] Re: NorCal 40A Questions
by "Andy Palm" <acpalm@concentric.net>
- 3) [161963] RE: New Kit Announcement - Brass Paddle Kit
by "Tim Jones" <k9nx@insightbb.com>
- 4) [161964] Ref: OT, Laptop Troubles
by George Franklin <w0av@juno.com>
- 5) [161965] Digital display for WM-2 watt meter
by Steven Weber <kd1jv@moose.ncia.net>
- 6) [161966] Silk Screening info?
by Steven Weber <kd1jv@moose.ncia.net>
- 7) [161967] Re: New Kit Announcement - Brass Paddle Kit
by Bob Nielsen <nielsen@oz.net>
- 8) [161968] AzScQRPion Iambic Paddle Kit -- For those who missed it earlier...
by "John Stevens" <jwsteven@concentric.net>
- 9) [161969] RE: Silk Screening info?
by "JBCrafts" <jbcraft@adelphia.net>
- 10) [161970] RE: WM-2 QRP wattmeter
by "David LeDuc" <dleduc@adelphia.net>
- 11) [161971] Re: Several Items For Sale
by "Dick Housden, W0NTA" <housden@comcast.net>
- 12) [161972] K1 - which band? 15 or 17?
by sergio <sergio@village-buzz.com>
- 13) [161973] Analog needle panel meters
by "Jason Hsu" <jhs001@heronetwork.com>
- 14) [161974] 40meter vertical with a doublet on top?
by Gary Slagel <gdslagel@yahoo.com>
- 15) [161975] weller wtcpt question..
by sergio <sergio@village-buzz.com>
- 16) [161976] Re: weller wtcpt question..
by Ed Tanton <n4xy@earthlink.net>
- 17) [161977] Civil Defense project enclosures
by "Paul Womble" <pwomble@earthlink.net>
- 18) [161978] Re: weller wtcpt question..
by w9ya <w9ya@arrl.net>
- 19) [161979] Re: K1 - which band? 15 or 17?

by "Dave Gilson" <kd3em@velocity.net>
20) [161980] Re: AzScQRPion Iambic Paddle Kit -- For those who missed it earlier...
by "Joe Martin" <km5cw@wt.net>
21) [161981] Re: weller wtcpt question..
by Dale Botkin <dale@botkin.org>
22) [161982] Re: K1 - which band? 15 or 17?
by Lee Boulineau <n4mvl@yahoo.com>
23) [161983] Re: weller wtcpt question..
by "carl seyersdahl" <carlseye@tampabay.rr.com>
24) [161984] More Items For Sale
by "Dick Housden, W0NTA" <housden@comcast.net>
25) [161985] Re: weller wtcpt question..
by "Bruce Kizerian" <kizerian@xmission.com>
26) [161986] Re: weller wtcpt question..
by Vance Huntsinger <vhuntsinger@iwiw.net>
27) [161987] Re: Comparison of the K2 to the Ten Tec Orion in Europe RF environment
by "Toby Deinhardt" <dj7mgq@muenchen-mail.de>
28) [161988] RE: 40meter vertical with a doublet on top?
by "AI2Q" <ai2q@adelphia.net>
29) [161989] Contest Calendar
by "Ron Polityka" <wb3aal@verizon.net>
30) [161990] Re: weller wtcpt question..
by "Lee Hopper" <leehopp@msn.com>
31) [161991] Re: weller wtcpt question..
by "Mike Yetsko" <myetsko@insydesw.com>

Date: Thu, 27 Nov 2003 15:45:15 -0800 (PST)
From: John Kalotai <n1olo@yahoo.com>
To: Dan.Tayloe@motorola.com,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [161961] Re: New Kit Announcement - Brass Paddle Kit
Message-ID: <20031127234515.8552.qmail@web80001.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

What pictures? Where might I see a picture and possibly place an order for these miracles of mechanical engineering?

I lost the thread somewhere.

=====

John Kalotai
N10LO

Date: Thu, 27 Nov 2003 18:07:16 -0600
From: "Andy Palm" <acpalm@concentric.net>
To: <qrp-1@Lehigh.EDU>
Subject: [161962] Re: NorCal 40A Questions
Message-ID: <000301c3b543\$964ef8a0\$a098ee42@andy>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Richard,

The sidetone and transmit offset are set by capacitor C17 during alignment. The manual states that the audio amplifier circuit is optimized for a pitch of 600-650 Hz. I set my offset to 400 Hz and have no problems.

I don't know about the mod to increase bandwidth. I did install a 10-turn pot and am very glad I did.

One other thing. I wound the VFO inductor L9 as per the instructions, but during alignment had to add a turn, so I'd suggest building it with an extra turn (61 turns total), as it's easier to remove them than add them.

It is a sweet radio, and I'm sure you will enjoy it. Good luck. By the way, I bought the book, as well, but got impatient, built the radio, and have yet to read the book. I'm hoping to get to it soon. :-)

Best,
Andy N1KSN
Menasha, WI

Date: Thu, 27 Nov 2003 19:42:35 -0500
From: "Tim Jones" <k9nx@insightbb.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [161963] RE: New Kit Announcement - Brass Paddle Kit
Message-ID: <NHBBKHEIMLCJPDBPJIMMKEILCCAA.k9nx@insightbb.com>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Is there a link to the webpage?

K9NX

Jonesy

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Ronald W. Evans

Sent: Wednesday, November 26, 2003 11:53 AM

To: Low Power Amateur Radio Discussion

Subject: New Kit Announcement - Brass Paddle Kit

Wow! What a great little Christmas gift to give oneself! I did just that by placing my order just as soon as I saw the announcement

!

The AZ ScQRPions are to be commended for this lovely brass paddle kit and for keeping the price affordable. Well done, guys/gals! May this endeavor be a huge success for you!

All the usual disclaimers - no affiliation with the AZ ScQRPions...blah, blah, blah...

72, 73, 3.14159 etc.

Ron - KD5S

***** Ron Evans *****

KD5S (ex K5MVR) - Loving the "glow" since 1957

Fort Worth, TX "Where the West Begins"

mailto:cosmos41@ix.netcom.com

<http://www.geocities.com/sweetvengeance>

ARRL, 4SQRP, ARS #1595, FP #694

<http://www.arsqrp.com>

Date: Thu, 27 Nov 2003 19:13:57 -0600

From: George Franklin <w0av@juno.com>

To: qrp-1@lehigh.edu

Subject: [161964] Ref: OT, Laptop Troubles

Message-ID: <20031127.191842.-16146749.0.w0av@juno.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Achtung Computer Gurus

My old faithful Compaq 325 laptop (386 machine) finally quit a two weeks ago.

The first symptom was that it would not boot up on the first turn-on but after three or four tries it came up and ran normally.

A few days of the above, and it would not boot even with multiple tries.

Questions:

1. Would a dead lithium battery on the mother board act like this?
2. Has anyone had experience replacing this battery? If so, how do you get to it.
3. After replacing the battery what sort of start-up problem should I expect?

As is obvious from the above, a computer genius I ain't.

Thanks in advance for any help.

73 de George/W0AV

Hamming since 1935 (No computer problems back then)

Date: Thu, 27 Nov 2003 22:26:40 -0500

From: Steven Weber <kd1jv@moose.ncia.net>

To: qrp-l@lehigh.edu

Subject: [161965] Digital display for WM-2 watt meter

Message-ID: <3.0.6.32.20031127222640.007aa410@mailhost.ncia.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

John, K7SVV loaded me his OHR WM-2 meter to check out the software I wrote to use the Atmel Butterfly demo board as a power meter display.

Initial results look good. The digital display tracks the analog meter on the WM-2 very closely on all ranges. That means the output from the diode compensation amp is very linear, all the way down to milliwatt levels.

I did have some trouble getting the readings on the WM-2 meter to agree with my true rms digital watt meter. I had to cobble together an adjustable output, AGC output level stabilized, linear amplifier capable of at least 10 watts output which produced a good sine wave in order to get the two meters to agree.

The WM-2, like most watt meter designs, requires a perfect sine wave signal to read accurately. This is something to keep in mind, as assuming a perfect sine wave is coming out of your rig maybe a poor assumption to make.

I still have some clean up work to do on the software and monkey with the display format some, then add a SWR calculation routine. When it's finally done, the software will become available for free download.

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Tue, 25 Nov 2003 14:46:12 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [161966] Silk Screening info?
Message-ID: <3.0.6.32.20031125144612.007ac920@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Just wondering if anyone on the list here knows anything about silk screening? I know a little about it, as I used to watch it being done at a place I worked for 30 years ago. Too bad I never got a chance to learn how to do it - we always had cute young girls just out of art school for that job :-)

Anyway, I'd like to print the top of the new AT Sprint box. I can have it done locally, but I figure for what it would cost, I could buy the stuff needed and do it myself. I've found some suppliers on the web, but not quite sure what I need to buy, besides the obvious. A basic set up doesn't look too expensive. Want to be able to use the photo sensitive film to make the screens..

TIA for any tips or info.

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Thu, 27 Nov 2003 21:40:42 -0800
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [161967] Re: New Kit Announcement - Brass Paddle Kit
Message-ID: <20031128054042.GA12123@n7xy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Thu, Nov 27, 2003 at 07:42:35PM -0500, Tim Jones wrote:
>
> Is there a link to the webpage?
> K9NX
> Jonesy

It't in the original message:

<http://www.swlink.net/~w5jh/brasspaddle.htm>

Date: Thu, 27 Nov 2003 22:54:07 -0700
From: "John Stevens" <jwsteven@concentric.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [161968] AzScQRPion Iambic Paddle Kit -- For those who missed it earlier...
Message-ID: <000701c3b574\$0a7242c0\$0201a8c0@k5js.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You can see the paddle at <<http://www.swlink.net/~w5jh/brasspaddle.htm>>.

We hope we can keep up with demand. If we seem slow, well it is probably because we are! However, I can tell you it will not be intentional. We will be cutting/drilling/tapping/shipping as fast as we can! In order to produce 100 paddles we have to cut 600 pieces of brass, drill 2000 holes, tap 1300 holes, and kit 2800 parts.

The price of the paddle is \$25 (US dollars) shipped in the USA and \$27 (US dollars) shipped to our canadian friends. Shipping is by 1st class mail. If you are interested in purchasing a kit, you can send a check or money order to:

Jerry Haigwood - W5JH
6926 W Charter Oak Rd
Peoria, AZ 85381

We also accept paypal. Designate azscqrptions@covad.net as the recipient.

If you are ordering by mail, an addressed label would be appreciated.
Paddle and parts can be seen at:

<<http://www.swlink.net/~w5jh/brasspaddle.htm>>

As always, we thank you for your support.

Jerry Haigwood W5JH

Date: Fri, 28 Nov 2003 01:14:44 -0500
From: "JBCrafts" <jbcraft@adelphia.net>
To: <kd1jv@moose.ncia.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [161969] RE: Silk Screening info?
Message-ID: <AGEJJBFLPLHMOECFDINOIEFIEBAA.jbcraft@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

When I was in Boy Scouts, I did some silk screening... it was a MESS!

basically, you need a screen, silk is good since it is thin and strong, it must be stretched TIGHT on a frame.

Take you stencil and lay it on a piece of scrap material, lay your screen over the stencil, and squeegee (I cannot spell it tonight... err, this morning!) but you lay the silkscreen ink across the frame. The ink will hold the stencil to the frame after the first pass. You want that ink to be the thinnest possible so that the ink dries fastest and doesn't smudge.

In scouts, I had help... my neighbor worked for VelvaSheen - I think that they have since gone out of business, at least I have not seen any VelvaSheen products in MANY years.

We made t-shirts for the troop and shirts for the RV club...

I would ASSUME that the process is the same for circuit boards too.

Bob K8YS

Date: Fri, 28 Nov 2003 02:23:51 -0500
From: "David LeDuc" <dleduc@adelphia.net>
To: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [161970] RE: WM-2 QRP wattmeter
Message-ID: <MPEBLEI0LEPIGHEMLNNOAEMB CDAA.dleduc@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The WM-2 has been sold. Thanks.

Dave N1IX

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of David LeDuc
Sent: Wednesday, November 26, 2003 12:03 PM
To: Low Power Amateur Radio Discussion
Subject: FS: WM-2 QRP wattmeter

I have a WM-2 wattmeter in excellent condition. Includes manual and other

documentation.
\$60 plus shipping.

Dave N1IX

Date: Fri, 28 Nov 2003 08:33:30 -0700
From: "Dick Housden, W0NTA" <housden@comcast.net>
To: <qrp-l@lehigh.edu>
Subject: [161971] Re: Several Items For Sale
Message-ID: <008501c3b5c4\$fa007fa0\$0bc40918@yourtarbvp550m>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

The following items are sold.

Small Wonder Labs PSK-20 transceiver. Still have one available.

NorCal 20 transceiver.

AlphaDelta switch.

Ventenna HFp antenna.

All other items are still available as of 1530Z.

Thanks to all who have responded.

72, Dick, W0NTA
Greeley, CO

Date: Fri, 28 Nov 2003 11:44:49 -0500
From: sergio <sergio@village-buzz.com>
To: qrp-l@Lehigh.EDU, elecraft@mailman.qth.net
Subject: [161972] K1 - which band? 15 or 17?
Message-ID: <5.2.1.1.0.20031128114302.0112e9d8@mail.neobright.net>
Mime-Version: 1.0
Content-Type: text/plain; x-avg-checked=avg-ok-30F14FD; charset=us-ascii;
format=flowed

i am getting ready to decide on which band to install, and i need a little input..

what are most people choosing, and why? it would be neat to choose whatever band everyone else is using so i have other k1's to talk to.. but i would also be curious as to why others chose the second band..

i have an hw-8, and it has 15.. but whenever i tune in to 15, there is not much there..

thanks!

peace,

sergio

www.village-buzz.com - read my sexy blog!

www.coffee-black.com - photography....

<http://www.coffee-black.com/join.htm> <-- Join Picture of the Day!

phone ... 419 606 0557

Date: Fri, 28 Nov 2003 11:52:23 -0500
From: "Jason Hsu" <jhs001@heronnetwork.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [161973] Analog needle panel meters
Message-ID: <009101c3b5d0\$21005200\$64923144@aoldsl.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Of all the modifications people have suggested in my QROP Meter (Next Generation SWR/wattmeter for 200mW to 200W) design, the one about using an analog needle panel meter makes the most sense to me. In fact, many people have suggested such a change in my design. The use of analog needle panel meters would also have similar benefits in other projects I build.

The advantages:

1. Eliminate the need for the LM3914, LM3915, 20 LEDs, and 2 PC boards.

2. Save space inside the chassis (by eliminating 2 PC boards).
3. Save space on the front panel (by eliminating 20 LEDs).
4. Save time building the device as a result of factors 1, 2, and 3.
5. Better readability in bright sunlight

My questions:

1. Where can you buy analog needle panel meters for a cheap price? They seem to be in limited supply and expensive (many are over \$100, some well over \$100).
2. Are there any panel meters with shafts 7/8 of an inch wide or smaller? I ask because my Unibit only goes up to 7/8 inch.
3. If the answer to question 2 is no, how do I drill a larger hole cleanly and neatly? I do have a Nibbler tool, but I think the edges of the holes would be even messier than those of a regular drill.
4. Are there panel meters that can give you voltage 2 as a percentage of voltage 1? Measuring the reflected voltage sample as a percentage of the forward voltage sample would be necessary to determine the SWR.

Jason Hsu, AG4DG

personal AAAAAAATTTTTTTT jasonhsu.com

<http://www.jasonhsu.com/ee.html>

<http://groups.yahoo.com/group/eeham>

Date: Fri, 28 Nov 2003 09:21:26 -0800 (PST)
From: Gary Slagel <gdslagel@yahoo.com>
To: QRP L <qrp-l@Lehigh.EDU>
Subject: [161974] 40meter vertical with a doublet on top?
Message-ID: <20031128172126.61740.qmail@web11608.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hey guys!

I'm thinking about putting together a 40meter ground plane vertical with the base about 16 to 20ft up. I thought if I made the vertical heavy enuff (1 1/2" to 1" aluminum tubing?) I could mount an 88' on a side doublet on top, feed it with 450 ohm ribbon, and use it pretty well on 40/80/160. I'm also thinking I'd feed the ground plane with 450 ohm ribbon and probably be able to use it on 40 & 80 both. This should be an improvement over my current 44' on a side doublet up about 35 ft and also give me a chance to do some extensive comparisons of dipoles vs verticals.

My question? How should I run the feedline for the doublet to minimize interaction AND is there going to be so much interaction between the two antennas that my vert vs dipole comparisons aren't valid anyway?

Thanks for any advice!

73, Gary

=====

Gary Slagel/N0SXX
Conifer, CO
<http://gdslagel.bravepages.com>

Do you Yahoo!?
Free Pop-Up Blocker - Get it now
<http://companion.yahoo.com/>

Date: Fri, 28 Nov 2003 12:43:02 -0500
From: sergio <sergio@village-buzz.com>
To: qrp-l@Lehigh.EDU, elecrafft@mailman.qth.net
Subject: [161975] weller wtcpt question..
Message-ID: <5.2.1.1.0.20031128124107.017f0ed8@mail.neobright.net>
Mime-Version: 1.0
Content-Type: text/plain; x-avg-checked=avg-ok-30F14FD; charset=us-ascii;
format=flowed

i am about to start soldering, but i have a question..

all my life, i have used generic \$5 soldering irons. this is the first real soldering station i have had..

can anyone tell me how the temperature is set on this iron?

i am guessing it is the tip that gauges the temperature..

i pulled the tip out of mine, and it has a "7" marked on the bottom..

does this mean 700F?

thanks!

peace,
sergio
www.village-buzz.com - read my sexy blog!
www.coffee-black.com - photography....
<http://www.coffee-black.com/join.htm> <-- Join Picture of the Day!

phone ... 419 606 0557

Date: Fri, 28 Nov 2003 13:32:07 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: sergio@village-buzz.com,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [161976] Re: weller wtcpt question..
Message-ID: <6.0.0.22.2.20031128133155.020f9bd0@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Yes!

At 12:43 PM 11/28/2003, sergio wrote:

>i am about to start soldering, but i have a question..
>
>all my life, i have used generic \$5 soldering irons. this is the first
>real soldering station i have had..
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>does this mean 700F?
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>thanks!
>
>
>___
>peace,
>sergio
>www.village-buzz.com - read my sexy blog!
>www.coffee-black.com - photography....

>http://www.coffee-black.com/join.htm <-- Join Picture of the Day!
>
>phone ... 419 606 0557
>
>
>
>

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Fri, 28 Nov 2003 13:34:15 -0500
From: "Paul Womble" <pwomble@earthlink.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Subject: [161977] Civil Defense project enclosures
Message-ID: <000b01c3b5de\$39eac440\$6401a8c0@house>
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I have a limited number of Civil Defense dosimeter chargers that will make great QRP project enclosures. Dosimeters were/are used to detect radiation. The chargers were used to step up the voltage of a D battery to calibrate the dosimeters.

More info on my website:

<http://www.qsl.net/k4fb>

The devices are in metal enclosures and measure 4" x 4" x 2".

Let me know if you have any questions.

73

Paul K4FB

Date: Fri, 28 Nov 2003 13:39:49 -0500
From: w9ya <w9ya@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [161978] Re: weller wtcpt question..
Message-ID: <200311281339.49913.w9ya@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

On Friday 28 November 2003 12:43 pm, sergio wrote:

> i am about to start soldering, but i have a question..
>
> all my life, i have used generic \$5 soldering irons. this is the first real
> soldering station i have had..
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> can anyone tell me how the temperature is set on this iron?
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> i am guessing it is the tip that gauges the temperature..
>
> i pulled the tip out of mine, and it has a "7" marked on the bottom..
>
> does this mean 700F?
>
> thanks!
>

Hey Sergio;

Yep, that is EXACTLY what it means.

700 degrees is a good place to be, although sometimes 600 is better as some "lesser" grade pc boards like the 600 degree better for desoldering chores. If I had to make only one choice, I would stick with a 700 degree tip.

Enjoy your new iron. I have the same iron which I got in 1980. I am on my second tip and is my main soldering device. These are GREAT irons, so have some fun with yours !

Vy 72;

Bob
w9ya

>
> ---
> peace,
> sergio
> www.village-buzz.com - read my sexy blog!
> www.coffee-black.com - photography....
> <http://www.coffee-black.com/join.htm> <-- Join Picture of the Day!
>
> phone ... 419 606 0557

Date: Fri, 28 Nov 2003 14:03:23 -0500
From: "Dave Gilson" <kd3em@velocity.net>
To: <sergio@village-buzz.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [161979] Re: K1 - which band? 15 or 17?
Message-ID: <001101c3b5e2\$4c6a0a00\$96bffe9a@yourw92p4bhlzg>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Sergio, Well I guess that you must ask yourself if you are going to do any contesting with it?, since the warc bands are not allowed. I use mine for FD and other QRP events and my K1-4 is 40,30,20, and 15 so three of the four are good for contesting. I hope that this helps.

Dave KD3EM/QRP

----- Original Message -----

From: "sergio" <sergio@village-buzz.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, November 28, 2003 11:44 AM
Subject: K1 - which band? 15 or 17?

>
> i am getting ready to decide on which band to install, and i need a little
> input..
>
> what are most people choosing, and why? it would be neat to choose
whatever
> band everyone else is using so i have other k1's to talk to.. but i would
> also be curious as to why others chose the second band..
>
> i have an hw-8, and it has 15.. but whenever i tune in to 15, there is not
> much there..
>
> thanks!
>
>
>
> ---
> peace,
> sergio
> www.village-buzz.com - read my sexy blog!
> www.coffee-black.com - photography....
> <http://www.coffee-black.com/join.htm> <-- Join Picture of the Day!
>
> phone ... 419 606 0557
>
>
>

Date: Fri, 28 Nov 2003 13:10:37 -0600
From: "Joe Martin" <km5cw@wt.net>
To: "QRP" <qrp-l@Lehigh.EDU>
Subject: [161980] Re: AzScQRPion Iambic Paddle Kit -- For those who missed it
earlier...
Message-ID: <002301c3b5e3\$4f8e37f0\$8e4cd6d0@JoesHome1>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, I'm all set to receive my kit <g> I went to the Home Depot this morning (don't you just love the smell of the fresh cut timbers and the blending aroma of all that new hardware) rounded up the sandpaper, MAAS polish and a new pair of rubberized gloves <don't want any hand oils to get into the raw brass> and a can of Clear Lacquer coat.
Now all I can do is wait. It'll be interesting to see photos and comments from all the new key owners who will proudly refer to their brass key serial #'s with pride.
73 de KM5CW, Joe
ARCI #11368 FP#-697 FISTS#4217
GRID EM13kf FtWorth,Tx
32:49:31N 97:06:13W
(<http://web.wt.net/~km5cw>)

-----| Virus Scanned by Symantec |-----
----- Original Message -----
From: "John Stevens" <jwsteven@concentric.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, November 27, 2003 11:54 PM
Subject: AzScQRPion Iambic Paddle Kit -- For those who missed it earlier...

>
>
> You can see the paddle at <<http://www.swlink.net/~w5jh/brasspaddle.htm>>.
>
> We hope we can keep up with demand. If we seem slow, well it is probably
> because we are! However, I can tell you it will not be intentional. We
> will be cutting/drilling/tapping/shipping as fast as we can! In order to
> produce 100 paddles we have to cut 600 pieces of brass, drill 2000 holes,
> tap 1300 holes, and kit 2800 parts.
>
> The price of the paddle is \$25 (US dollars) shipped in the USA and \$27 (US
> dollars) shipped to our Canadian friends. Shipping is by 1st class mail.
> If you are interested in purchasing a kit, you can send a check or money
> order to:
>
> Jerry Haigwood - W5JH
> 6926 W Charter Oak Rd
> Peoria, AZ 85381
>
> We also accept paypal. Designate azscqrpions@covad.net as the recipient.
>
> If you are ordering by mail, an addressed label would be appreciated.

> Paddle and parts can be seen at:
>
> <<http://www.swlink.net/~w5jh/brasspaddle.htm>>
>
> As always, we thank you for your support.
>
> Jerry Haigwood W5JH
>
>
>

Date: Fri, 28 Nov 2003 13:11:44 -0600 (CST)
From: Dale Botkin <dale@botkin.org>
To: sergio <sergio@village-buzz.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [161981] Re: weller wtcpt question..
Message-ID: <Pine.LNX.4.33.0311281309530.9708-1000000@madmax.botkin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 28 Nov 2003, sergio wrote:

> can anyone tell me how the temperature is set on this iron?
>
> i am guessing it is the tip that gauges the temperature..

Yep. It actually sets the temperature. There's a bimetal/magnetic thermostat control in the barrel that controls the temperature based on the thickness of the little nub on the back of the tip.

> i pulled the tip out of mine, and it has a "7" marked on the bottom..
>
> does this mean 700F?

Yep.

73,
Dale - N0XAS
--

It's a thankless job, but I've got a lot of Karma to burn off.
PicoKeyer Analog with pot speed control now available! Or add
memory and more to your Rock-Mite -- <http://www.hamgadgets.com>

Date: Fri, 28 Nov 2003 11:14:17 -0800 (PST)
From: Lee Boulineau <n4mvl@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [161982] Re: K1 - which band? 15 or 17?
Message-ID: <20031128191417.40327.qmail@web21205.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Do 15 on this, and do 80 and 17 on a two band board -
this way you get 40 and 15 off of a 40m dipole, and 80
and 17 off a dipole cut for ~3.62 Mhz (18.1 Mhz is 5/2
waves), while not having to change out boards!

Lee N4MVL

--- sergio <sergio@village-buzz.com> wrote:
>
> i am getting ready to decide on which band to
> install, and i need a little
> input..
>
> what are most people choosing, and why? it would be
> neat to choose whatever
> band everyone else is using so i have other k1's to
> talk to.. but i would
> also be curious as to why others chose the second
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> i have an hw-8, and it has 15.. but whenever i tune
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> much there..
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> thanks!
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>
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> peace,
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> www.village-buzz.com - read my sexy blog!
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> http://www.coffee-black.com/join.htm <-- Join
> Picture of the Day!
>
> phone ... 419 606 0557
>
>

>

Do you Yahoo!?
Free Pop-Up Blocker - Get it now
<http://companion.yahoo.com/>

Date: Fri, 28 Nov 2003 14:20:16 -0500
From: "carl seyersdahl" <carlseye@tampabay.rr.com>
To: <sergio@village-buzz.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [161983] Re: weller wtcpt question..
Message-ID: <001a01c3b5e4\$a806e160\$c239ca44@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have the same type iron and , yes it has the same tip.on the handle it says 24 volts , 42 watts. I don't really know the temp. on it but I've noticed one thing since I started using it. I don't ruin the pc boards anymore, by lifting traces so I'd say it must be not more than about 600deg.;

it heats up quickly and maintains temp well!!! I don't have the book that came with it so I don't know about the temp. regulation.!!

carl / kz5ca

----- Original Message -----

From: "sergio" <sergio@village-buzz.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, November 28, 2003 12:43 PM
Subject: weller wtcpt question..

>

> i am about to start soldering, but i have a question..

>

> all my life, i have used generic \$5 soldering irons. this is the first real

> soldering station i have had..

>

> can anyone tell me how the temperature is set on this iron?

>

> i am guessing it is the tip that gauges the temperature..

>

> i pulled the tip out of mine, and it has a "7" marked on the bottom..

>
> does this mean 700F?
>
> thanks!
>
>
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> peace,
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>
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>
>
>
>

Date: Fri, 28 Nov 2003 12:21:51 -0700
From: "Dick Housden, W0NTA" <houssden@comcast.net>
To: <qrp-1@lehigh.edu>
Subject: [161984] More Items For Sale
Message-ID: <017c01c3b5e4\$e0765c10\$0bc40918@yourtarbvp550m>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I have more items for sale including an Elecraft K2, Icom IC-706MKIIG, LDG AT-11 auto tuner, BLT QRP antenna tuner with the new aluminum case, and my old Johnson Matchbox antenna tuner. All are like new except for the Matchbox. These are all listed and shown on my website at:

http://home.comcast.net/
~houssden/welcome.htm

There are also images there of the NorCal 40A and the Small Wonder Labs DSW-II 20.

Thanks for looking.

72, Dick, W0NTA

Greeley, CO

Date: Fri, 28 Nov 2003 12:30:17 -0700
From: "Bruce Kizerian" <kizerian@xmission.com>
To: <dale@botkin.org>,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [161985] Re: weller wtcpt question..
Message-ID: <008301c3b5e6\$0e87eb40\$b30646a6@98seoem>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I found the wtcpt, even with the no. 8 tip (800 degrees), to be unacceptable for Mahattan stlye building. I just could not get good flow when I soldered directly to the ground plane. There are quite a few better irons for less money. I was very disappointed in this product.

Bruce kk7zz
www'elmerdude.com

Date: Fri, 28 Nov 2003 13:33:01 -0600
From: Vance Huntsinger <vhuntsinger@iwic.net>
To: qrp-1@Lehigh.EDU
Subject: [161986] Re: weller wtcpt question..
Message-ID: <4.2.0.58.20031128132148.00d43e20@mail.iwic.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Sergio,

You are correct. I believe tips are available for 600, 700, and 800 degrees F. The WTCPT was my first real soldering station, too, and I now wonder how I did without it. It makes soldering small components much easier and less anxiety-producing. By the way, I have used 700 degree tips exclusively with great results. Now, for soldering coax connectors and other large mass components, you will probably need a hotter tip (I still use my almost 50-yr old Wen soldering gun for PL-259's--otherwise, it is officially retired from electronic projects).

Vance--WA9YDJ

Sergio wrote:

i am guessing it is the tip that gauges the temperature.. i pulled the tip out of mine, and it has a "7" marked on the bottom.. does this mean 700F?

Date: Fri, 28 Nov 2003 21:40:33 +0100
From: "Toby Deinhardt" <dj7mgq@muenchen-mail.de>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [161987] Re: Comparison of the K2 to the Ten Tec Orion in Europe RF environment
Message-ID: <006a01c3b5ef\$e1ddda50\$0300a8c0@tobyWinXP>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> propensity of the K2 to pick up 60 Hz hum from a too-close

Hard to do - we dance the 50 Hz boogie over here ...

73 de toby

Date: Fri, 28 Nov 2003 16:03:51 -0500
From: "AI2Q" <ai2q@adelphia.net>
To: <gdslagel@yahoo.com>,
 "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [161988] RE: 40meter vertical with a doublet on top?
Message-ID: <000a01c3b5f3\$2435eca0\$6401a8c0@hq.cmp.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gary:

>From my numerous experiments with top-loaded physically short verticals, I'd say that that dipole up there will act as a capacitance hat for the vertical, and will likely de-tune it---even though it's not DC-connected directly to the top of the vertical element.

However, perhaps you can place a long(er) insulated extension at the top of the vertical (where, by the way, there is a voltage node), and then put the dipole attachment point atop that section. Food for thought. Let us know how you do.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L #687
<http://users.adelphia.net/~alexmm/ai2q.htm>

.-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Gary Slagel
Sent: Friday, November 28, 2003 12:21 PM
To: Low Power Amateur Radio Discussion
Subject: 40meter vertical with a doublet on top?

Hey guys!

I'm thinking about putting together a 40meter ground plane vertical with the base about 16 to 20ft up. I thought if I made the vertical heavy enuff (1 1/2" to 1" aluminum tubing?) I could mount an 88' on a side doublet on top, feed it with 450 ohm ribbon, and use it pretty well on 40/80/160. I'm also thinking I'd feed the ground plane with 450 ohm ribbon and probably be able to use it on 40 & 80 both. This should be an improvement over my current 44' on a side doublet up about 35 ft and also give me a chance to do some extensive comparisons of dipoles vs verticals.

My question? How should I run the feedline for the doublet to minimize interaction AND is there going to be so much interaction between the two antennas that my vert vs dipole comparisons aren't valid anyway?

Thanks for any advice!

73, Gary

=====

Gary Slagel/N0SXX
Conifer, CO
<http://gds slagel.bravepages.com>

Date: Fri, 28 Nov 2003 16:12:53 -0500
From: "Ron Polityka" <wb3aal@verizon.net>
To: ".QRP-L" <qrp-l@Lehigh.EDU>
Subject: [161989] Contest Calendar
Message-ID: <002c01c3b5f4\$63afd020\$0200a8c0@WB3AAL>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi,

If this is a repeat message for you, I am sorry. There are some guys asking me if I am selling any calendar this year and they did not see any messages about it so far. So once again, I am sorry for the repeating message.

The 2004 QRP Contest Calendar is on sale and being mailed as order are coming in. So if you are interested in a calendar to hang in you shack check out www.n3epa.org . The theme is Home Brew Rigs. Check out some of the comments about this years calendar.

72

Ron de N3EPA
EPA QRP Club El Presidente'
n3epa@verizon.net
www.n3epa.org

Date: Fri, 28 Nov 2003 13:45:15 -0800
From: "Lee Hopper" <leehopp@msn.com>
To: <sergio@village-buzz.com>,
 "Posting to the list QRP-L" <qrp-l@Lehigh.EDU>
Subject: [161990] Re: weller wtcpt question..
Message-ID: <BAY4-DAV132YPYhof9P0000ff5d@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi, Sergio -

Dunno if you know this already, but a small tin of tip cleaner is really handy. They're available at Rad Shack for about \$5.00 - keeps that tip really *shiney*

73 -

Lee, NB7F

----- Original Message -----

From: "sergio" <sergio@village-buzz.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Friday, November 28, 2003 9:43 AM

Subject: weller wtcpt question..

>
> i am about to start soldering, but i have a question..
>
> all my life, i have used generic \$5 soldering irons. this is the first
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> phone ... 419 606 0557
>
>
>
>

Date: Fri, 28 Nov 2003 16:01:21 -0500

From: "Mike Yetsko" <myetsko@insydesw.com>

To: <sergio@village-buzz.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [161991] Re: weller wtcpt question..
Message-ID: <009101c3b5f2\$c8484b40\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

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> all my life, i have used generic \$5 soldering irons. this is the first
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>
> i pulled the tip out of mine, and it has a "7" marked on the bottom..
>
> does this mean 700F?
>
> thanks!

Yes, as other have pointed out.

The temp is adjusted by the material INTERNAL to the tip. A tip stamped
'7' will be magnetic below 700 degrees, and non-magnetic above 700.

One other thing... Genuine tips for this iron are 'plated'. They are
extremely
durable, but you have to take care of them.

When you first heat a tip, coat it with solder. When you go to use it,
wipe it on the damp (not wet) sponge, and freshly coat it with solder
again.

NEVER EVER EVER abrade the tip. NEVER file it, never sand it, never
rub it! EVER!! When you are done using it, before turning off the iron,
wipe it on the sponge to clean it, then apply solder again to coat it.
Let it
burn off any flux until the smoking stops, then turn the iron off with the
tip STILL COVERED with fresh solder. This will protect the tip from
corrosion.

Treat it right! And it will last for years of hobby use. MANY years!

Mike

End of QRP-L Digest 3118

